Fill	in this information to ident	ify your case:		
Uni	ited States Bankruptcy Court	for the:		
so	UTHERN DISTRICT OF TEX	AS	_	
Cas	se number (if known)		_ Chapter11	
				☐ Check if this an amended filing
	ficial Form 201 oluntary Petiti	on for Non-Individu	als Filing for Banl	kruptcy 04/20
		a separate sheet to this form. On the to a separate document, <i>Instructions for L</i>		e debtor's name and the case number (if als, is available.
1.	Debtor's name	ION Geophysical Corporation		
2.	All other names debtor used in the last 8 years			
	Include any assumed names, trade names and doing business as names			
3.	Debtor's federal Employer Identification Number (EIN)	22-2286646		
4.	Debtor's address	Principal place of business	Mailing addr business	ess, if different from principal place of
		4203 Yoakum Blvd. Suite 100 Houston, TX 77006		
		Number, Street, City, State & ZIP Code	P.O. Box, Nu	mber, Street, City, State & ZIP Code
		Harris County	Location of p	principal assets, if different from principal iness
			Number, Stre	et, City, State & ZIP Code
5.	Debtor's website (URL)	www.iongeo.com		
6.	Type of debtor	Corporation (including Limited Liabil	ity Company (LLC) and Limited Liabili	tv Partnership (LLP))
		☐ Partnership (excluding LLP)	, () ()	,

☐ Other. Specify:

ION Geophysical Corp	poration		Case number (if known)	
Name				
scribe debtor's business	 ☐ Health Care Busine ☐ Single Asset Real B ☐ Railroad (as define ☐ Stockbroker (as de ☐ Commodity Broker 	Estate (as defined in 11 U.S.C. § 10 ⁻¹ d in 11 U.S.C. § 101(44)) fined in 11 U.S.C. § 101(53A)) (as defined in 11 U.S.C. § 101(6))		
	☐ Tax-exempt entity (a☐ Investment compar	as described in 26 U.S.C. §501) ny, including hedge fund or pooled in		
der which chapter of the nkruptcy Code is the btor filing?	Check one: ☐ Chapter 7 ☐ Chapter 9			
debtor who is a "small siness debtor" must check of first sub-box. A debtor as fined in § 1182(1) who cots to proceed under cochapter V of chapter 11 nether or not the debtor is a nall business debtor") must eck the second sub-box.		The debtor is a small business de noncontingent liquidated debts (e \$2,725,625. If this sub-box is selectory operations, cash-flow statement, exist, follow the procedure in 11 to the debtor is a debtor as defined debts (excluding debts owed to in proceed under Subchapter V or balance sheet, statement of operany of these documents do not exacceptances of the plan were sold accordance with 11 U.S.C. § 1126. The debtor is required to file period Exchange Commission according Attachment to Voluntary Petition (Official Form 201A) with this form	excluding debts owed to insiders or affiliates) are lesceted, attach the most recent balance sheet, statement federal income tax return or if any of these doc l.S.C. § 1116(1)(B). In 11 U.S.C. § 1182(1), its aggregate noncontinger siders or affiliates) are less than \$7,500,000, and if Chapter 11. If this sub-box is selected, attach the ations, cash-flow statement, and federal income tax cist, follow the procedure in 11 U.S.C. § 1116(1)(B). ion. Incited prepetition from one or more classes of credictive of the securities of the	ss than nent of suments do not not liquidated t chooses to most recent creturn, or if tors, in ecurities and 1934. File the apter 11
ere prior bankruptcy ses filed by or against e debtor within the last 8 ars? nore than 2 cases, attach a parate list.	■ No. □ Yes. District District	When When	Case number Case number	
	der which chapter of the nkruptcy Code is the btor filing? debtor who is a "small siness debtor" must check if irst sub-box. A debtor as fined in § 1182(1) who icts to proceed under ochapter V of chapter 11 nether or not the debtor is a nall business debtor") must eck the second sub-box.	A. Check one: Health Care Busine: Single Asset Real E Railroad (as define: Stockbroker (as de: Commodity Broker: Clearing Bank (as de: None of the above: B. Check all that apply: Tax-exempt entity (a: Investment compart: Investment advisor: C. NAICS (North Amer See http://www.uscc. 5413 der which chapter of the nkruptcy Code is the bitor filing? Chapter 7 Chapter 9 Chapter 7 Chapter 9 Chapter 11 Dether or not the debtor is a nall business debtor") must eack the second sub-box. Chapter 11 Dether or not the debtor is a nall business debtor") must eack the second sub-box. Chapter 12 Chapter 12 Chapter 12 Chapter 12 District District District	A. Check one: Health Care Business (as defined in 11 U.S.C. § 101(2): Single Asset Real Estate (as defined in 11 U.S.C. § 101(4)) Slockbroker (as defined in 11 U.S.C. § 101(43)) Commodity Broker (as defined in 11 U.S.C. § 101(63A)) Commodity Broker (as defined in 11 U.S.C. § 101(63A)) Clearing Bank (as defined in 11 U.S.C. § 781(3)) None of the above B. Check all that apply Tax-exempt entity (as described in 26 U.S.C. §501) Investment company, including hedge fund or pooled in Investment advisor (as defined in 15 U.S.C. §80b-2(a)(C. NAICS (North American Industry Classification System) See http://www.uscourts.gov/four-digit-national-associat 5413 der which chapter of the nkruptcy Code is the btor filing? Chapter 7 Chapter 7 Chapter 9 Chapter 11 Lether or not the debtor is a small business de noncontingent liquidated debts (e \$2,725,625. If this sub-box is sele operations, cash-flow statement; a exist, follow the procedure in 11 exist, follow the procedure of the plan were soli accordance with 11 U.S.C. § 1126 The debtor is a debtor as defined debts (excluding debts owed to in proceed under Subchapter V of balance sheet, statement of operations of the plan were soli accordance with 11 U.S.C. § 1126 The debtor is a countered to 16 peration of the plan were soli accordance with 11 U.S.C. § 1126 The debtor is a shell company as Chapter 12 Proceed under Subchapter V of balance sheet, statement of operations of the plan were soli accordance with 11 U.S.C. § 1126 The debtor is a shell company as Chapter 12 Proceed under Subchapter V of balance sheet, statement of operations of the plan were soli accordance with 11 U.S.C. § 1126 The debtor is a shell company as Chapter 12 Proceed under Subchapter V of balance sheet, statement of operations of the plan were soli accordance with 11 U.S.C. § 1126 The debtor is a shell company as Chapter 12 Proceed	Check one: Health Care Business (as defined in 11 U.S.C. § 101(27A)) Single Asset Real Estate (as defined in 11 U.S.C. § 101(51B)) Railroad (as defined in 11 U.S.C. § 101(54A)) Stockbroker (as defined in 11 U.S.C. § 101(54A)) Commodity Broker (as defined in 11 U.S.C. § 101(69A)) Commodity Broker (as defined in 11 U.S.C. § 101(69A)) Clearing Bank (as defined in 11 U.S.C. § 781(3)) None of the above B. Check all that apply Tax-exempt entity (as described in 28 U.S.C. §501) Investment company, including hedge fund or pooled investment vehicle (as defined in 15 U.S.C. §80a-3) Investment advisor (as defined in 15 U.S.C. §80b-2(a)(11)) C. NAICS (North American Industry Classification System) 4-digit code that best describes debtor. See http://www.uscourts.gov/four-digit-national-association-naics-codes. 5413 Check all that apply The debtor is a small siness debtor must check all that apply The debtor is a small business debtor as defined in 11 U.S.C. § 101(51D), and its agnonant general process of the plan were solicited debts (excluding debts owed to insiders or affiliates) are less than excluded the second sub-box. The debtor is a small business debtor of insiders or affiliates) are less than excluded the second sub-box. The debtor is a short of the second sub-box is selected, attach the most recent balance sheet, statement of personance, assis-flow statement, and defined in 11 U.S.C. § 1116(1)(B). The debtor is a debtor as defined in 11 U.S.C. § 1116(1)(B). The debtor is a debtor as defined in 11 U.S.C. § 1116(1)(B). The debtor is a shell company as defined in the Securities Exchange Act of 1934 Ru forms of the personal process of the plan were solicited prepetition from one or more classes of credit accordance with 11 U.S.C. § 1126(1) of the Securities Exchange Act of 1934 Ru forms 12 debtor within the last 8 ras? note than 2 cases, attach a securities Exchange Act of 1934 Ru forms 12 debtor on the securities Exchange Act of 1934 Ru forms 12 debtor within the last 8 r

Debt	TOTA OCOPITY STOUL O	orporation		Case number (if kno	wn)
10.	Name Are any bankruptcy cases pending or being filed by a				
	business partner or an affiliate of the debtor?	— 165.			
	List all cases. If more than 1	, Debtor	See Attachmen	•	Polationahin
	attach a separate list	District	See Attacrimen	When	Relationship Case number, if known
11.	Why is the case filed in	Check all that apply	<i>r</i> :		
	this district?				ts in this district for 180 days immediately
			•	or for a longer part of such 180 days tha	•
		☐ A bankruptcy	case concerning del	otor's affiliate, general partner, or partne	ership is pending in this district.
12.	Does the debtor own or	■ No			
	have possession of any real property or personal		elow for each proper	ty that needs immediate attention. Attac	ch additional sheets if needed.
	property that needs immediate attention?	Why doe	s the property need	immediate attention? (Check all that	annly)
				se a threat of imminent and identifiable l	
		•	s the hazard?		.a_a.a to passio iloaiai oi oaioty.
		☐ It need	ds to be physically se	cured or protected from the weather.	
					e or lose value without attention (for example,
		<u></u>	ck, seasonal goods, ı	meat, dairy, produce, or securities-relate	ed assets or other options).
		☐ Other	the property?		
		wnere is	the property?	Number, Street, City, State & ZIP Coo	de
		Is the pro	operty insured?	Trumbor, Surset, Only, State & Zir Soc	
		□ No			
		☐ Yes.	Insurance agency		
			Contact name		
			Phone		
	Statistical and admin	istrative information	1		
13.	Debtor's estimation of available funds	. Check one:			
	available lunus	■ Funds w	ill be available for dis	tribution to unsecured creditors.	
		☐ After any	administrative expe	nses are paid, no funds will be available	to unsecured creditors.
14	Estimated number of	□ 1-49		1 4 000 5 000	☐ 25,001-50,000
	creditors	☐ 50-99		■ 1,000-5,000 □ 5001-10,000	☐ 50,001-100,000
		☐ 100-199		☐ 10,001-25,000	☐ More than100,000
		□ 200-999			
15.	Estimated Assets	□ \$0 - \$50,000		☐ \$1,000,001 - \$10 million	☐ \$500,000,001 - \$1 billion
		\$50,001 - \$100,0		■ \$10,000,001 - \$50 million	☐ \$1,000,000,001 - \$10 billion
		□ \$100,001 - \$500 □ \$500,001 - \$1 m		□ \$50,000,001 - \$100 million	☐ \$10,000,000,001 - \$50 billion☐ More than \$50 billion
		<u> </u>		□ \$100,000,001 - \$500 million	■ More train 400 billion
16.	Estimated liabilities	□ \$0 - \$50,000		☐ \$1,000,001 - \$10 million	□ \$500,000,001 - \$1 billion

Debtor	ION Geophysical Corporation	Case number (if known)	Case number (if known)		
	□ \$50,001 - \$100,000 □ \$100,001 - \$500,000 □ \$500,001 - \$1 million	□ \$10,000,001 - \$50 million □ \$50,000,001 - \$100 million ■ \$100,000,001 - \$500 million	☐ \$1,000,000,001 - \$10 billion ☐ \$10,000,000,001 - \$50 billion ☐ More than \$50 billion		

Debtor	ION Geophysical Corporation		Case number (if known)			
	Name					
	Request for Relief,	Declaration, and Signatures				
WARNIN		is a serious crime. Making a false statement in corup to 20 years, or both. 18 U.S.C. §§ 152, 1341, 1	nnection with a bankruptcy case can result in fines up to \$500,000 or 519, and 3571.			
of au	aration and signature		ne chapter of title 11, United States Code, specified in this petition.			
representative of deb		I have been authorized to file this petition on be	half of the debtor.			
		I have examined the information in this petition and have a reasonable belief that the information is true and correct.				
		I declare under penalty of perjury that the foreg	oing is true and correct.			
		Executed on April 12, 2022 MM / DD / YYYY				
	_	X /s/ Mike Morrison	Mike Morrison			
		Signature of authorized representative of debto	Printed name			
		Title Authorized Signatory				
40 Ciam	ature of attorney	X /s/ Katherine A. Preston	Date April 12, 2022			
18. Sign	ature of attorney	Signature of attorney for debtor	MM / DD / YYYY			
		Katherine A. Preston				
		Printed name				
		Winston & Strawn LLP				
		Firm name				
		800 Capitol St Suite 2400 Houston, TX 77002				
		Number, Street, City, State & ZIP Code				

Email address

KPreston@winston.com

(713) 651-2699

Contact phone

24088255 TXBar number and State

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Debtor

ION Geophysical Corporation

Case number (if known)

Name

Fill in this information to identify your case:				
United States Bankruptcy Court for the:				
SOUTHERN DISTRICT OF TEXAS	_			
Case number (if known)	_ Chapter	11	_	
				Check if this an amended filing

FORM 201. VOLUNTARY PETITION

Pending Bankruptcy Cases Attachment

Debtor	GX Technology Corporation		Relationship to you	Affiliate	
District	Southern District of Texas	When	Case number, if known		
Debtor	IO Marine Systems, Inc.		Relationship to you	Affiliate	
District	Southern District of Texas	When	Case number, if known		
Debtor	ION Exploration Productions (U.S.A),	Inc.	Relationship to you	Affiliate	
District	Southern District of Texas	When	Case number, if known		

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Official Form 201A (12/15)

[If debtor is required to file periodic reports (e.g. forms 10K and 10Q) with the Securities and Exchange Commission pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 and is requesting relief under chapter 11 of the Bankruptcy Code, this Exhibit "A" shall be completed and attached to the petition.]

United States Bankruptcy Court Southern District of Texas

Debtor(s) Debtor(s) Case No. Chapter To									
						Debtor(s)	Chapter	11	
		Attachment to Voluntary Petition for Non-Individuals Filing for Bankruptcy under Chapter 11 The debtor's securities are registered under Section 12 of the Securities Exchange Act of 1934, the SEC file number is securities are registered under Section 12 of the Securities Exchange Act of 1934, the SEC file number is securities are registered under Section 12 of the Securities Exchange Act of 1934, the SEC file number is securities are registered under Section 12 of the Securities Exchange Act of 1934, the SEC file number is securities are registered under Section 12 of the Securities Exchange Act of 1934, the SEC file number is securities are registered under Securities Exchange Act of 1934, the SEC file number is securities act of 1934, the SEC file number is securities act of 1934, the SEC file number							
	•	lebtor's securit	ies are	registered under	Section 1	2 of the Securities	s Exchange Act of 193	4, the SEC file number is	5
2. The	following	g financial data	a is the	latest available	informatio	on and refers to the	e debtor's condition on	February 28, 2022	_
. Total	lassets						\$	35,951,483	
. Total	l debts (ii	ncluding debts	listed	in 2.c., below)			\$	166,929,323	
. Debt	securitie	s held by mor	e than	500 holders: N /A	1			number of	
secured	. 🗆	unsecured		subordinated		\$	0.00		0
secured	l 🗆	unsecured		subordinated		\$	0.00		0
secured	l 🗆	unsecured		subordinated		\$	0.00		0
secured	l 🗆	unsecured		subordinated		\$	0.00		0
secured	. 🗆	unsecured		subordinated		\$	0.00		0
d. Num	ber of sh	ares of preferr	ed sto	ek			1		0
e. Num	ber of sh	ares common	stock				29,579,991		0
Com	ments, if	`any:							

3. Brief description of Debtor's business:

ION Geophysical Corporation is an innovative, asset-light global technology company that delivers powerful data-driven decision-making offerings to offshore energy and maritime operations markets.

4. List the name of any person who directly or indirectly owns, controls, or holds, with power to vote, 5% or more of the voting securities of debtor:

Gates Capital Management, Inc. and BGP, Inc.

Fill in this informati	on to identify the c	ase.	
	Geophysical Co		
		SOUTHERN DISTRICT OF TEXAS	
		COOTHERN DIGHTOT OF TEXAS	
Case number (if know	/n)		☐ Check if this is an
			amended filing
Official Form 2			
<u>Declaratio</u>	n Under I	Penalty of Perjury for Non-Individ	lual Debtors 12/15
form for the schedul amendments of thos and the date. Bankr WARNING Bankru	les of assets and li se documents. This uptcy Rules 1008 a ptcy fraud is a seri	on behalf of a non-individual debtor, such as a corporation or par abilities, any other document that requires a declaration that is not form must state the individual's position or relationship to the dound 9011. Ous crime. Making a false statement, concealing property, or obtain result in fines up to \$500,000 or imprisonment for up to 20 years	ot included in the document, and any ebtor, the identity of the document, aining money or property by fraud in
	tion and signature	or an authorized agent of the corporation; a member or an authorized	agent of the partnership; or another
individual servi	ng as a representati	ve of the debtor in this case.	
I have examine	d the information in	the documents checked below and I have a reasonable belief that the	information is true and correct:
_		al and Personal Property (Official Form 206A/B)	
_		o Have Claims Secured by Property (Official Form 206D)	
		/ho Have Unsecured Claims (Official Form 206E/F) intracts and Unexpired Leases (Official Form 206G)	
	ule H: Codebtors (C		
	,	abilities for Non-Individuals (Official Form 206Sum)	
	ded Schedule	,	
■ Chapte	er 11 or Chapter 9 C	ases: List of Creditors Who Have the 30 Largest Unsecured Claims ar	nd Are Not Insiders (Official Form 204)
☐Other docur	ment that requires a	declaration	
I declare under	penalty of perjury th	nat the foregoing is true and correct.	
Executed on	April 12, 2022	X /s/ Mike Morrison	
	April 12, 2022	Signature of individual signing on behalf of debtor	
		Miles Mauria an	
		Mike Morrison Printed name	
		Authorized Signatory Position or relationship to debtor	
		1 Osition of relationship to debtor	

Fill in this information to Identify the case:	
Debtor Name: ION Geophysical Corporation, et al.	
United States Bankruptcy Court for the: Southern District of Texas	☐ Check if this is an amended filing
Case Number (If known):	

Official Form 204

Chapter 11 or Chapter 9 Cases: Consolidated List of Creditors Who Have the 30 Largest Unsecured Claims and Are Not Insiders

A consolidated list of creditors holding the 30 largest unsecured claims must be filed in a Chapter 11 or Chapter 9 case. Include claims which the debtor disputes. Do not include claims by any person or entity who is an insider, as defined in 11 U.S.C. § 101(31). Also, do not include claims by secured creditors, unless the unsecured claim resulting from inadequate collateral value places the creditor among the holders of the 30 largest unsecured claims.

	ne of creditor and complete mailing ress, including zip code	Name, telephone number, and email address of creditor contact	(for example, trade debts, bank loans, professional services, and government	Indicate if claim is contingent, unliquidated, or disputed	Amount of unsecured claim If the claim is fully unsecured, fill in only unsecured claim amount. If claim is partially secured, fill in total claim amount and deduction for value of collateral or setoff to calculate unsecured claim.			
			contracts)		Total claim, if partially secured	Deduction for value of collateral or setoff	Unsecured claim	
1	COBRA ACQUISTION SERVICES SA 5555 SAN FELIPE SUITE 2100 HOUSTON, TX 77056	CONTACT: SCOTT WHITSELL, PRESIDENT PHONE: 405-608-6007 MARCUS.PULLICINO@COBRA CORP.COM	REVENUE SHARE CLAIM				\$10,350,552.16	
2	SHEARWATER GEOSERVICES LTD BROCKBOURNE HOUSE 77 MOUNT EPHRAIM TURNBRIDGE WELLS TN4 8BS UNITED KINGDOM	CONTACT: ANDREAS HVENDING AUBERT, CFO PHONE: 440129390-3296 INFO@SHEARWATERGEO.CO M	REVENUE SHARE CLAIM				\$9,915,982.00	
3	WILMINGTON SAVINGS FUND SOCIETY, FSB 409 SILVERSIDE RD STE 100 WILMINGTON, DE 19809-1771	CONTACT: PATRICK J HEALY, SVP/DIRECTOR PHONE: 302-888-7420 PHEALY@WSFSBANK.COM	UNSECURED NOTES				\$7,999,447.00	
4	NATIONAL OIL CORPORATION PO BOX 2655-5335 TRIPOLI LIBYA	CONTACT: GOD WILLING M MUSTAFA ABDULLAH, PRESIDENT PHONE: 21821444-6181 INFO@NOC.LY.COM	ROYALTY CLAIM				\$3,516,561.00	
5	SOCIEDADE NACIONAL DE COMBUSIVEIS DE ANGOLA EMPRESA PUBLICA EDIFICIO SEDE DA SONANGOL LUANDA 1316 ANGOLA	CONTACT: SEBASTIAO PAI QUERIDO GASPAR MARTINS, CEO PHONE: +244222334448 SECRETARIAGERAL@SONAN GOL.CO.AO	ROYALTY CLAIM				\$3,238,812.00	
6	PGS GEOPHYSICAL AS PO BOX 251 LOLLEAKER NO216 LILLEAKERVEIEN 4C OSLO NO216 NORWAY	CONTACT: RUNE O PEDERSEN, PRESIDENT & CEO PHONE: +4767526400; 2815098000 INFO@PGS.COM	REVENUE SHARE CLAIM				\$2,797,345.00	

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Debtor: ION Geophysical Corporation

Case Number (if known):

Name of creditor and complete mailing address, including zip code		Idress, including zip code and email address of creditor contact p		Indicate if claim is contingent, unliquidated, or disputed	Amount of unsecured claim If the claim is fully unsecured, fill in only unsecured claim amount. If claim is partially secured, fill in total claim amount and deduction for value of collateral or setoff to calculate unsecured claim.			
			contracts)		Total claim, if partially secured	Deduction for value of collateral or setoff	Unsecured claim	
7	BGP INC., CHINA NATL PETROLEUM CORP NO. 189 FANYANG MIDDLE ROAD ZHOUZHOU CITY, HEBEI PROVINCE 072750 CHINA	CONTACT: HUANG LU PHONE: 861081201850; 863123736738 MARKETING@BGP.COM.CN	REVENUE SHARE CLAIM				\$2,664,050.00	
8	PKY-2101 CITYWEST 3&4 LP CITY WEST PLACE III PO BOX 742835 ATLANTA, GA 30374-2835	CONTACT: A. NONI HOLMES- KIDD, SVP/CAO/GEN COUNSEL PHONE: 407-650-0593; 281- 822-3800 INFO@PKY.COM; NHOLMES- KIDD@PKY.COM; CITYWESTPLACE@PKY.COM	TRADE CLAIM				\$2,564,940.61	
9	DIRECTORATE GENERAL OF HYDROCARBONS 4TH & 11TH FL, HINDUSTAN TIMES 18-20 KASTURBA GANDHI MARG NEW DELHI INDIA	CONTACT: D.K RAWAT, V.K. SIBAL PHONE: 0120-2472000 FAX: 0120-2472049 HODLEGAL@DGHINDIA.GOV. IN; DG@DGHINDIA.GOV.IN	ROYALTY CLAIM	Disputed			\$2,214,752.57	
10	JOINT-STOCK COMPANY SEVMORNEFTEGEOFIZIKA 17 KARL MARX ST MURMANSK 183025 RUSSIA	CONTACT: ALEKSANDR AFANASENKOV, CHAIRMAN OF THE BOARD PHONE: +78152704646 SMNG@RUSGEOLOGY.RU	TRADE CLAIM				\$1,947,627.14	
11	TANZANIA PETROLEUM DEVELOPMENT CORP PO BOX 2774 DAR ES SALAAM TANZANIA	CONTACT: PROF SUFIAN H BUKURURA, CHAIRPERSON PHONE: +255222200113/4; +255222200112 INFO@TPDC.CO.TZ	ROYALTY CLAIM				\$1,665,473.46	
12	OFFICE DES MINES ET DES INDUSTRIES STRATEGIQUES DE LENERGIE, DE PETROLE ET DES RESSOURCES HYDRAULIQUES BATIMENT C, 3 EME ETAGE PONT DE GUE-GUE LIBREVILLE 1172 GABON	CONTACT: ALIAN-CLAUDE BILIE-BY-NZE PHONE: +24124101731091 UCP_PIAEPAL18@YAHOO.CO M	ROYALTY CLAIM				\$1,306,789.91	
13	TGS GEOPHYSICAL COMPANY (UK) LIMITED 1 THE CRESCENT SURBITON KT6 4BN UNITED KINGDOM	CONTACT: KRISTIAN JOHANSEN, CEO PHONE: +4401483730201 KRISTIANJ@A2D.COM	REVENUE SHARE CLAIM				\$1,247,807.00	
14	THE GOVERNMENT OF KENYA HARAMBEE HOUSE PARLIAMENT ROADHARAMBEE AVENUE NAIROBI 00100 KENYA	CONTACT: UHURU KENYATTA CGH, PRESIDENT & DIRECTOR PHONE: 25420222-7411 CSENATE@PARLIAMENT.GO. KE; CLERK@PARLIAMENT.GO.KE	ROYALTY CLAIM				\$1,127,604.69	

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Debtor: ION Geophysical Corporation

Case Number (if known):

Name of creditor and complete mailing address, including zip code		Name, telephone number, and email address of creditor contact	Nature of the claim (for example, trade debts, bank loans, professional services, and government	Indicate if claim is contingent, unliquidated, or disputed	Amount of unsecured claim If the claim is fully unsecured, fill in only unsecured claim amount. If claim is partially secured, fill in total claim amount and deduction for value of collateral or setoff to calculate unsecured claim.		
			contracts)		Total claim, if partially secured	Deduction for value of collateral or setoff	Unsecured claim
15	MINISTERE DU PETROLE ET DES HYDROCARBURES (DGH) SCIAM BUILDING, 5TH FL 63 AVENUE MARCHAND BP V 42 ABIDJAN IVORY COAST	CONTACT: SYLVAIN MOMOADJAMBO, MINISTER PHONE: 22520213871; 22520214129 INFO@DGHSTATISTIQUES.CI	ROYALTY CLAIM				\$1,029,052.00
16	ANGOLA GEOSCIENCE SERVICES, LDA BAIRRO MAIANGA, ZONA 5 LUANDA ANGOLA	CONTACT: HORACIO FORTUNATO PHONE: (+244) 945 840 890 HDF.AGS@GMAIL.COM	ROYALTY CLAIM				\$1,024,799.73
17	INSTITUTO NACIONAL DE PETROLEO PREDIO MONTEPIO 341 / 2 ANDAR MAPUTO MOZAMBIQUE	CONTACT: NATALIA CAMBA, DIRECTOR PHONE: +25821248300 INFO@INP.GOV.MZ	ROYALTY CLAIM				\$926,379.53
18	GOVERNMENT OF BARBADOS HALBORN CIRCLE FONTABELL BARBADOS	CONTACT: MIA AMOR MOTTLEY, PRIME MINISTER OR HON KERRIE D SYMMONDS, MINISTER OF ENERGY PHONE: 12465355300; 12465352500; 1246222222 PSPMO@BARBADOS.GOV.BB; MINISTER@ENERGY.GOV.BB	ROYALTY CLAIM				\$767,584.54
19	MABON LIMITED 29, SANUSI FAFUNWA STREET LAGOS NIGERIA	CONTACT: ENGR. BONIFACE MADUBUNYI, CEO AND CHAIRPERSON PHONE: 2341461-6295 INFO@MABONLTD.COM	ROYALTY CLAIM				\$722,633.15
20	NATIONAL PETROLEUM CORPORATION OF NAMIBIA (PROPRIETARY) LIMITED PETROLEUM HOUSE 1 AVIATION RD WINDHOEK NAMIBIA	CONTACT: IMMANUEL MULUNGA PHONE: +264-2646120450 FAX: +264 61 5061/30/92 INFO@NAMCOR.COM.NA	ROYALTY CLAIM				\$655,811.78
21	GWL OVERSEAS LTD 311 SHOREHAM STREET SHEFFIELD S. YORKSHIRE S2 4FA UNITED KINGDOM	CONTACT: ALEXANDRA KAZAKOU, DIRECTOR PHONE: 3572581-7181	ROYALTY CLAIM				\$655,065.33
22	DOLPHIN GEOPHYSICAL AS BROCKBOURNE HOUSE77 MOUNT EPHRAIAM TURNBRIDGE WELLS TN4 8GN UNITED KINGDOM	CONTACT: ATLE JACOBSEN, CEO PHONE: +4755387500	REVENUE SHARE CLAIM				\$569,112.21
23	GOVERNMENT OF THE REBUPLIC OF TRINIDAD AND TOBAGO MINISTRY OF ENERGY 1 WRIGHTSON ROAD PORT OF SPAIN TRINIDAD AND TOBAGO	CONTACT: HON STUART YOUNG, MINISTER OF ENERGY PHONE: 868225-4334 INFO@ENERGY.GOV.IT; SYOUNG@ENERGY.GOV.TT	ROYALTY CLAIM				\$522,281.03

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Debtor: ION Geophysical Corporation

Case Number (if known):

Name of creditor and complete mailing address, including zip code		Name, telephone number, and email address of creditor contact	Nature of the claim (for example, trade debts, bank loans, professional services, and government	Indicate if claim is contingent, unliquidated, or disputed	Amount of unsecured claim If the claim is fully unsecured, fill in only unsecured claim amount. If claim is partially secured, fill in total claim amount and deduction for value of collateral or setoff to calculate unsecured claim.		
			contracts)		Total claim, if partially secured	Deduction for value of collateral or setoff	Unsecured claim
24	DIGITAL GREENSPOINT LP C/O DIGITAL REALTY TRUST PO BOX 840182 DALLAS, TX 75284-0182	CONTACT: ANDREW POWER, PRESIDENT/CFO PHONE: 737-281-0101 APOWER@DIGITALREALTY.C OM; CUSTOMERSUCCESSTEAM@ DIGITALREALTY.COM	TRADE CLAIM				\$511,848.47
25	DORSEY & WHITNEY LLP PO BOX 1680 MINNEAPOLIS, MN 55480-1680	CONTACT: PATRICK LUTTER, COO PHONE: 612-340-2600; 612- 492-5173 LUTTER.PATRICK@DORSEY.C OM	TRADE CLAIM	Contingent Disputed			\$465,896.42
26	UPSTREAM ENERGY SERVICES S.A. ESMERELDA 155, 7 PISO OFICINA 39 BUENOS AIRES ARGENTINA	CONTACT: ROBERTO R. I. AGUIRRE PHONE: +54 11 5648 6580 R_AGUIRRE@UPSTREAM.CO M.AR	ROYALTY CLAIM				\$438,576.00
27	HOUSTON NFL HOLDINGS, LP 2 NRG PARK HOUSTON, TX 77054	CONTACT: CAL MCNAIR, CEO PHONE: 888-849-4839 FAX: 832-667-2191 TICKETING@HOUSTONTEXA NS.COM	TRADE CLAIM				\$396,900.00
28	NORTH AFRICAN GEOPHYSICAL EXPLORATION COMPANY PO BOX 11141 TRIPOLI LIBYA	CONTACT: JAMAL HARARI PHONE: +218 21 563 4670/4 NAGECO@NAGECO.COM	ROYALTY CLAIM				\$385,699.52
29	TRACER TECHNOLOGIES INC 20 ASSEMBLY SQUARE DRIVE SOMERVILLE, MA 02145	CONTACT: FRASER M WALSH PHONE: 617-776-6410 FAX: 617-776-6425 SALES@TRACER-ECO.COM	TRADE CLAIM				\$344,026.00
30	GOVERNMENT OF GRENADA MINISTERIAL COMPLEX, 6TH FL ST GEORGES GRENADA	CONTACT: DR THE RIGHT HON. KEITH MITCHELL PHONE: +14734402255; +14734402265 PRIMEMINISTER@GOV.GD; PMSEC@GOV.GD	ROYALTY CLAIM				\$308,462.52

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United States Bankruptcy Court Southern District of Texas

I, the Authorized Signatory of the corporation named as the debtor in this case, declare under penalty of perj that I have read the foregoing List of Equity Security Holders and that it is true and correct to the best of my inform	In re ION Geophysical Corporation			Case No.	
Following is the list of the Debtor's equity security holders which is prepared in accordance with rule 1007(a)(3) for filing in this Chapter 11 Name and last known address or place of Security Class Number of Securities Kind of Interest business of holder BGP, Inc. 5.4% No. 189 Fanyang Middle Road ZhuoZhou City HeBei Province P.R. China 07275 Gates Capital Management, Inc. 10.00% 1177 Sixth Avenue 46th Floor New York, NY 10036 DECLARATION UNDER PENALTY OF PERJURY ON BEHALF OF CORPORATION OR PARTNERSI I, the Authorized Signatory of the corporation named as the debtor in this case, declare under penalty of perj that I have read the foregoing List of Equity Security Holders and that it is true and correct to the best of my inform		I	Debtor(s)	Chapter	
Name and last known address or place of business of holder BGP, Inc. BGP, Inc. No. 189 Fanyang Middle Road ZhuoZhou City HeBei Province P.R. China 07275 Gates Capital Management, Inc. 1177 Sixth Avenue 46th Floor New York, NY 10036 DECLARATION UNDER PENALTY OF PERJURY ON BEHALF OF CORPORATION OR PARTNERSI I, the Authorized Signatory of the corporation named as the debtor in this case, declare under penalty of perjethat I have read the foregoing List of Equity Security Holders and that it is true and correct to the best of my inform	LIST	OF EQUITY SI	ECURITY HOLDERS	S	
BGP, Inc. No. 189 Fanyang Middle Road ZhuoZhou City HeBei Province P.R. China 07275 Gates Capital Management, Inc. 1177 Sixth Avenue 46th Floor New York, NY 10036 DECLARATION UNDER PENALTY OF PERJURY ON BEHALF OF CORPORATION OR PARTNERSI I, the Authorized Signatory of the corporation named as the debtor in this case, declare under penalty of perjethat I have read the foregoing List of Equity Security Holders and that it is true and correct to the best of my inform	Following is the list of the Debtor's equity security ho	olders which is prepar	red in accordance with rule	1007(a)(3) f	or filing in this Chapter 11 Case
No. 189 Fanyang Middle Road ZhuoZhou City HeBei Province P.R. China 07275 Gates Capital Management, Inc. 10.00% 1177 Sixth Avenue 46th Floor New York, NY 10036 DECLARATION UNDER PENALTY OF PERJURY ON BEHALF OF CORPORATION OR PARTNERSI I, the Authorized Signatory of the corporation named as the debtor in this case, declare under penalty of perj that I have read the foregoing List of Equity Security Holders and that it is true and correct to the best of my inform		Security Class	Number of Securities	I	Kind of Interest
1177 Sixth Avenue 46th Floor New York, NY 10036 DECLARATION UNDER PENALTY OF PERJURY ON BEHALF OF CORPORATION OR PARTNERSI I, the Authorized Signatory of the corporation named as the debtor in this case, declare under penalty of perj that I have read the foregoing List of Equity Security Holders and that it is true and correct to the best of my inform	No. 189 Fanyang Middle Road ZhuoZhou City HeBei Province		5.4%		
I, the Authorized Signatory of the corporation named as the debtor in this case, declare under penalty of perj that I have read the foregoing List of Equity Security Holders and that it is true and correct to the best of my inform and belief.	1177 Sixth Avenue 46th Floor		10.00%		
that I have read the foregoing List of Equity Security Holders and that it is true and correct to the best of my inform	DECLARATION UNDER PENALTY O	F PERJURY ON	BEHALF OF CORF	PORATIO	ON OR PARTNERSHIP
	that I have read the foregoing List of Equity	•			1 1 1 1
Date April 12, 2022 Signature /s/ Mike Morrison Mike Morrison	Date April 12, 2022	Signa			

Penalty for making a false statement of concealing property: Fine of up to \$500,000 or imprisonment for up to 5 years or both. 18 U.S.C. §§ 152 and 3571.

United States Bankruptcy Court Southern District of Texas

in re	ION Geophysical Corporation		Case No.	
		Debtor(s)	Chapter	11
	CORPORA	TE OWNERSHIP STATEMENT (RU	JLE 7007.1))
recusa	l, the undersigned counsel for <u>ION</u> ing is a (are) corporation(s), other t	Procedure 7007.1 and to enable the Judge I Geophysical Corporation in the chan the debtor or a governmental unit, the equity interests, or states that there are n	above caption above caption above the above caption above the above caption above the above caption	oned action, certifies that the or indirectly own(s) 10% or
Gates 1177 S 46th F	Capital Management, Inc. Sixth Avenue			•
□ Non	ne [Check if applicable]			
April	12, 2022	/s/ Katherine A. Preston		
Date		Katherine A. Preston		
		Signature of Attorney or Litigant		
		Counsel for ION Geophysical Co	rporation	
		Winston & Strawn LLP		
		800 Capitol St Suite 2400		
		Houston, TX 77002		
		(713) 651-2699 Fax:(713) 651-2700		
		KPreston@winston.com		

CERTIFICATE OF RESOLUTIONS April 12, 2022

The undersigned, Matthew Powers, Secretary of ION Geophysical Corporation, a Delaware corporation (the "Company"), hereby certifies as follows:

- A. I am a duly qualified and elected officer of the Company and, as such, I am familiar with the facts herein certified and I am duly authorized to certify the same on behalf of the Company;
- B. Attached hereto as **Exhibit A** is a true, complete, and correct copy of the resolutions adopted by the Board of the Company in accordance with the applicable articles of incorporation, bylaws, or similar governing document (in each case as amended or amended and restated); and
- C. Such resolutions have not been amended, altered, annulled, rescinded, or revoked and are in full force and effect as of the date hereof. There exist no other subsequent resolutions relating to the matters set forth in the resolutions attached hereto.

IN WITNESS WHEREOF, the undersigned has executed this certificate as of the date first written above.

Matthew Powers

Secretary

ION GEOPHYSICAL CORPORATION RESOLUTIONS OF THE BOARD OF DIRECTORS

APRIL 12, 2022

WHEREAS, the Board of Directors (the "<u>Board</u>") of ION Geophysical Corporation (the "<u>Company</u>") has considered presentations by the management, investment bankers, and the financial and legal advisors of the Company regarding the liabilities and liquidity situation of the Company, the strategic alternatives available to them, and the effect of the foregoing on the Company's business;

WHEREAS, the Company and certain of its direct and indirect subsidiaries (together, the "**Restructuring Parties**") have negotiated a restructuring support agreement (the "**RSA**") with all of their first lien lenders and a majority of their second lien lenders, which agreement contemplates a restructuring of the Restructuring Parties' capital structure on the terms set forth therein;

WHEREAS, the Board previously delegated to a committee of two independent members of the Board (the "<u>Special Committee</u>"), certain responsibilities, powers, and authority with respect to initiating a case under chapter 11 of United States Bankruptcy Code as well as evaluating other potential strategic alternatives;

WHEREAS, the Special Committee has approved and recommended, and is disinterested with respect to, the Company (i) filing petitions seeking relief under the provisions of chapter 11 of title 11 of the United States Code, 11 U.S.C. §§ 101–1532 (the "<u>Bankruptcy Code</u>"), (ii) entering into the RSA, (iii) executing and delivering the DIP Documents (as defined below) and performing its obligations thereunder, and (iv) retaining certain advisors; and

WHEREAS, the Special Committee and the Board have consulted with the management, investment bankers, and the financial and legal advisors of the Company and the Board and fully considered each of the strategic alternatives available to the Company and in the judgment of the Special Committee, as adopted by the Board, the actions contemplated hereby are desirable and in the best interests of the Company, its creditors, and other parties in interest.

NOW, THEREFORE, BE IT,

Restructuring Support Agreement; Chapter 11 Plan

RESOLVED, that in the judgment of the Special Committee, as adopted by the Board, it is desirable and in the best interests of the Company (including a consideration of its creditors and other parties in interest) that the Company shall be, and hereby is, authorized and directed to finalize, execute, and deliver the RSA, and the Company's performance of its obligations under the RSA, including the negotiation and documentation of the chapter 11 plan, and all exhibits, schedules, attachments, and ancillary documents or agreements related thereto, is, in all respects, approved and authorized.

Chapter 11 Filing

RESOLVED, that in the judgment of the Special Committee, as adopted by the Board, it is desirable and in the best interests of the Company (including a consideration of its creditors and other parties in interest) that the Company shall be, and hereby is, authorized and directed to file or cause to be filed a voluntary petition for relief (the "<u>Chapter 11 Case</u>") under the provisions of chapter 11 of title 11 of the Bankruptcy Code in the United States Bankruptcy Court for the Southern District of Texas (the "<u>Bankruptcy Court</u>") and any other petition for relief or recognition or other order that may be desirable under applicable law in the United States.

RESOLVED, that any officers or directors of the Company (collectively, the "<u>Authorized Signatories</u>"), acting alone or with one or more other Authorized Signatories be, and they hereby are, authorized, empowered, and directed to execute and file on behalf of the Company all motions, affidavits, papers, documents, or other filings, and to take any and all actions that they deem necessary or proper to obtain or in furtherance of such relief, including, without limitation, any action necessary to maintain the ordinary course operation of the Company's business.

Retention of Professionals

RESOLVED, that each of the Authorized Signatories be, and they hereby are, authorized and directed to employ the law firm of Winston & Strawn LLP ("<u>Winston</u>") as general bankruptcy counsel to represent and assist the Company in carrying out its duties under the Bankruptcy Code, and to take any and all actions to advance the Company's rights and obligations, including filing any motions, objections, replies, applications, or pleadings; and in connection therewith, each of the Authorized Signatories, with power of delegation, is hereby authorized and directed to execute appropriate retention agreements, pay appropriate retainers, and to cause to be filed an appropriate application for authority to retain the services of Winston.

RESOLVED, that each of the Authorized Signatories be, and they hereby are, authorized and directed to employ the firm FTI Consulting, Inc. ("<u>FTI</u>") to represent and assist the Company in carrying out its duties under the Bankruptcy Code, and to take any and all actions to advance the Company's rights and obligations; and in connection therewith, each of the Authorized Signatories, with power of delegation, is hereby authorized and directed to execute appropriate retention agreements, pay appropriate retainers, and to cause to be filed an appropriate application for authority to retain the services of FTI.

RESOLVED, that each of the Authorized Signatories be, and they hereby are, authorized and directed to employ the firm Perella Weinberg Partners LP ("<u>PWP</u>"), as investment banker to represent and assist the Company in carrying out its duties under the Bankruptcy Code, and to take any and all actions to advance the Company's rights and obligations; and in connection therewith, each of the Authorized Signatories, with power of delegation, is hereby authorized and directed to execute appropriate retention agreements, pay appropriate retainers, and to cause to be filed an appropriate application for authority to retain the services of PWP.

RESOLVED, that each of the Authorized Signatories be, and they hereby are, authorized and directed to employ the firm of Epiq Corporate Restructuring, LLC ("<u>Epiq</u>") as notice and claims agent to represent and assist the Company in carrying out its duties under the Bankruptcy Code, and to take any and all actions to advance the Company's rights and obligations; and in

connection therewith, each of the Authorized Signatories, with power of delegation, is hereby authorized and directed to execute appropriate retention agreements, pay appropriate retainers, and to cause to be filed appropriate applications for authority to retain the services of Epiq.

RESOLVED, that each of the Authorized Signatories be, and they hereby are, authorized and directed to employ any other professionals to assist the Company in carrying out its duties under the Bankruptcy Code; and in connection therewith, each of the Authorized Signatories, with power of delegation, is hereby authorized and directed to execute appropriate retention agreements, pay appropriate retainers and fees, and to cause to be filed an appropriate application for authority to retain the services of any other professionals as necessary.

RESOLVED, that each of the Authorized Signatories be, and they hereby are, with power of delegation, authorized, empowered, and directed to execute and file all petitions, schedules, motions, lists, applications, pleadings, and other papers and, in connection therewith, to employ and retain all assistance by legal counsel, accountants, financial advisors, and other professionals and to take and perform any and all further acts and deeds that each of the Authorized Signatories deem necessary, proper, or desirable in connection with the Company's Chapter 11 Case, with a view to the successful prosecution of such case.

Debtor-in-Possession Financing, Cash Collateral, and Adequate Protection

RESOLVED, that the Company will obtain benefits from (a) the use of collateral, including cash collateral, as that term is defined in section 363(a) of the Bankruptcy Code (the "Cash Collateral"), which is security for certain prepetition secured lenders (collectively, the "Secured Lenders") party to (i) that certain Credit Agreement, dated as of August 22, 2014 (as amended, restated, supplemented, or otherwise modified from time to time), by and among the Company, as borrower, and certain of its subsidiaries as borrowers or guarantors, certain lenders party thereto, and Ankura Trust Company, LLC, as agent, and (ii) that certain Indenture, dated as of April 20, 2021 (as amended, restated, supplemented, or otherwise modified from time to time), by and among the Company, as issuer, and certain of its subsidiaries as guarantors, certain noteholders party thereto, and UMB Bank, National Association, as trustee and (b) the incurrence of debtor-in-possession financing obligations (the "DIP Financing").

RESOLVED, that to use and obtain the benefits of (a) the DIP Financing and (b) the Cash Collateral, and in accordance with section 363 of the Bankruptcy Code, the Company will provide certain liens, claims, and adequate protection to the Secured Lenders (the "<u>DIP Obligations</u>"), as documented in a proposed interim order (the "<u>Interim DIP Order</u>") and submitted for approval to the Bankruptcy Court.

RESOLVED, that the form, terms, and provisions of the Interim DIP Order to which the Company is or will be subject, and the actions and transactions contemplated thereby be, and hereby are, authorized, adopted, and approved, and each of the Authorized Signatories be, and hereby is, authorized and empowered, in the name of and on behalf of the Company, to take such actions and negotiate or cause to be prepared and negotiated and to execute, deliver, perform, and cause the performance of, the Interim DIP Order, and such other agreements, certificates, instruments, receipts, petitions, motions, or other papers or documents to which the Company is or will be a party, including, but not limited to, any security and pledge agreement or guaranty agreement (collectively with the Interim DIP Order, the "**DIP Documents**"), incur and pay or

cause to be paid all fees and expenses and engage such persons, in each case, in the form or substantially in the form thereof submitted to the Board, with such changes, additions, and modifications thereto as the officers of the Company executing the same shall approve, such approval to be conclusively evidenced by such officers' execution and delivery thereof.

RESOLVED, that the Company, as debtor and debtor in possession under the Bankruptcy Code be, and hereby is, authorized to incur the DIP Obligations and certain obligations related to the DIP Financing and to undertake any and all related transactions on substantially the same terms as contemplated under the DIP Documents (collectively, the "<u>DIP Transactions</u>"), including granting liens on its assets to secure such obligations.

RESOLVED, that the Authorized Signatories be, and they hereby are, authorized and directed, and each of them acting alone hereby is, authorized, directed, and empowered in the name of, and on behalf of, the Company, as debtor and debtor in possession, to take such actions as in their discretion are determined to be necessary, desirable, or appropriate and execute the DIP Transactions, including delivery of: (a) the DIP Documents; (b) such other instruments, certificates, notices, assignments, and documents as may be reasonably requested by the agents; and (c) such forms of deposit, account control agreements, officer's certificates, and compliance certificates as may be required by the DIP Documents.

RESOLVED, that each of the Authorized Signatories be, and hereby is, authorized, directed, and empowered in the name of, and on behalf of, the Company to file or to authorize the agents to file any Uniform Commercial Code (the "<u>UCC</u>") financing statements, any other equivalent filings, any intellectual property filings and recordation, and any necessary assignments for security or other documents in the name of the Company if the agents deem it necessary or appropriate to perfect any lien or security interest granted under the Interim DIP Order, including any such UCC financing statement containing a generic description of collateral, such as "all assets," "all property now or hereafter acquired," and other similar descriptions of like import, and to execute and deliver, and to record or authorize the recording of, such mortgages and deeds of trust in respect of real property of the Company and such other filings in respect of intellectual and other property of the Company, in each case as the agents may reasonably request to perfect the security interests of the agents under the Interim DIP Order or any of the other DIP Documents.

RESOLVED, that each of the Authorized Signatories be, and hereby is, authorized, directed, and empowered in the name of, and on behalf of, the Company to take all such further actions, including, without limitation, to pay or approve the payment of all fees and expenses payable in connection with the DIP Transactions and all fees and expenses incurred by or on behalf of the Company in connection with the foregoing resolutions, in accordance with the terms of the DIP Documents, which shall in their sole judgment be necessary, desirable, proper, or advisable to perform any of the Company's obligations under or in connection with the Interim DIP Order or any of the other DIP Documents and the transactions contemplated therein and to carry out fully the intent of the foregoing resolutions.

General

RESOLVED, that, in addition to the specific authorizations heretofore conferred upon each Authorized Signatory, each Authorized Signatory (and his designees and delegates) be, and hereby is, authorized and empowered, in the name of and on behalf of the Company, to take or

cause to be taken any and all such other and further actions, and to execute, acknowledge, deliver, and file any and all such agreements, certificates, instruments, and other documents with such additions, deletions, amendments, modifications, or other changes as such Authorized Signatory may approve, and to pay all expenses, including but not limited to filing fees, in each case as in such Authorized Signatory's (or his designee's or delegate's) judgment, shall be necessary, advisable, or desirable in order to fully carry out the intent and accomplish the purposes of the resolutions adopted herein, such determination to be conclusively evidenced by such Authorized Signatory's execution and delivery of any of the agreements, certificates, instruments, or other documents, or the taking of any such action.

RESOLVED, that the Board has received sufficient notice of the actions and transactions relating to the matters contemplated by the foregoing resolutions, as may be required by the organizational documents of the Company, or hereby waives any right to have received such notice.

RESOLVED, that all acts, actions, and transactions relating to the matters contemplated or implied by the foregoing resolutions done in the name of and on behalf of the Company by any director, officer, employee or agent of the Company, or any person or persons designated and authorized to act on behalf of the Company, which acts would have been approved by the foregoing resolutions except that such acts were taken before the adoption of these resolutions, are hereby in all respects approved and ratified as the true acts and deeds of the Company with the same force and effect as if each such act, transaction, agreement, or certificate had been specifically authorized and adopted in advance by resolution of the Board of the Company.

RESOLVED, that each Authorized Signatory (and his designees and delegates) be, and hereby is, authorized and empowered to take all actions, or to not take any action in the name of the Company, with respect to the transactions contemplated by these resolutions hereunder, as such Authorized Signatory shall deem necessary or desirable in such Authorized Signatory's reasonable business judgment, as may be necessary or convenient to effectuate the purposes of the transactions contemplated herein.

* * * * * * * * * * * * * *